

J1046 U.S. PTO
09/01/01

09/19/01

A
UTILITY PATENT APPLICATION TRANSMITTAL

(New Nonprovisional Applications Under 37 CFR § 1.53(b))

Attorney Docket No.

49658-0512

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is the patent application of () application identifier or (X) first named inventor, Peter SAUERBREI, entitled SPACING OBJECTS WITHIN A CONSTRAINT for a(n):

() Original Patent Application.

(X) Continuing Application (prior application not abandoned):
 Continuation () Divisional () Continuation-in-part (CIP)
of prior application No: 09/240,070 Filed on: January 29, 1999, which claims the
benefit of prior provisional application No: 60/085,436 Filed on: May 14, 1998.
(X) A statement claiming priority under 35 USC § 120 has been added to the specification.

Enclosed are:

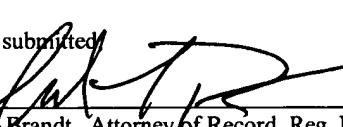
(X) Specification: 45 Total Pages. (X) Drawing(s): 15 Total Sheets.
(X) Oath or Declaration:
 A Newly Executed Combined Declaration and Power of Attorney:
 Signed. Unsigned. Partially Signed.
(X) A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)).
 Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the
oath or declaration is supplied, is considered as being part of the disclosure of the accompanying
application and is hereby incorporated herein by reference in its entirety for all purposes.
 Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)).
(X) Revocation and Appointment of New Power of Attorney, which is copied from the prior application for
continuation/divisional is supplied.
(X) Return Receipt Postcard.
 Associate Power of Attorney. (X) A Check in the amount of \$1,474.00 for the Filing Fee.
 Preliminary Amendment. (X) Information Disclosure Statement and Form PTO-1449.
(X) Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)
(X) A Duplicate Copy of this Form for Processing Fee.
 A Certified Copy of Priority Documents (if foreign priority is claimed).
 Applicant(s) is entitled to small entity status. See 37 CFR 1.27.
 Statement(s) of Status as a Small Entity Filed in Prior Application, Status Still Proper and Desired.
(X) Other: Fee Transmittal (in duplicate); 5 cited references

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEES
Total Claims	58	38	\$18.00	\$ 684.00
Independent Claims	4	1	\$80.00	\$ 80.00
Multiple Dependent Claims (if applicable)				\$0.00
Assignment Recording Fee				\$0.00
Basic Filing Fee				\$710.00
			Total Filing Fee	\$ 1,474.00

Charge \$ _____ to Deposit Account _____ pursuant to 37 CFR § 1.25. At any time during the pendency
of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments
to above deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully submitted,

By:

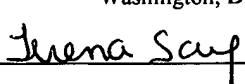

Carl L. Brandt, Attorney of Record, Reg. No. 44,555

Date: September 10, 2001

Correspondence Address:

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under
37 CFR § 1.10 on the date indicated below and is addressed to:

Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

By: 

Typed Name: Tirenay Say
Express Mail Label No.: EL734970065US
Date of Deposit: September 10, 2001



29989

PATENT TRADEMARK OFFICE

J1046 U.S. PTO
09/09/955434
09/10/01

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 AND 1.28

TOTAL AMOUNT OF PAYMENT (\$ 1,474.00)

Complete if Known

Application Number	Unknown
Filing Date	September 10, 2001
First Named Inventor	Peter Sauerbrei
Examiner Name	Unknown
Group/Art Unit	Unknown
Attorney Docket No.	49658-0512

METHOD OF PAYMENT (check one)

1. Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Deposit Account Number 50-1302

Deposit Account Name Hickman Palermo Truong & Becker, LLP

2. Payment Enclosed:

 Check Money Order Other

3. Applicant(s) is entitled to small entity status.
See 37 CFR 1.27

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee Description	
101	710	201	355 Utility filing fee
106	320	206	160 Design filing fee
107	490	207	245 Plant filing fee
108	710	208	355 Reissue filing fee
114	150	214	75 Provisional filing fee
SUBTOTAL (1)			(\$ 710.00)

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims	Fee from Below	Fee Paid
58	-20**=	38	X 18.00	= 684.00
4	- 3**=	1	X 80.00	= 80.00

Multiple Dependent

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	Fee Description
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 **Reissue independent claims over original patent
110	18	210 9 **Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 764.00)

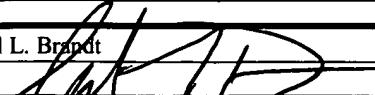
3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee Description	
105	130	205 65 Surcharge – late filing fee or oath	
127	50	227 25 Surcharge – late provisional filing fee or cover sheet.	
139	130	139 130 Non-English specification	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,890	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive – unavoidable	
141	1,210	241 605 Petition to revive – unintentional	
142	1,210	242 605 Utility issue fee (or reissue)	
143	430	243 215 Design issue fee	
144	580	244 290 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	240	126 240 Submission of information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	690	246 345 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	690	249 345 For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) _____

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)

SUBMITTED BY		Complete if applicable		
Name (Print/Type)	Carl L. Brandt	Registration No. (Attorney/Agent)	44,555	Telephone (408) 414-1080
Signature		Date	September 10, 2001	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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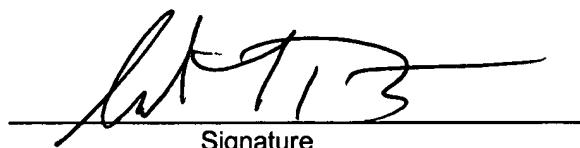
**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Peter Sauerbrei
Title	SPACING OBJECTS WITHIN A CONSTRAINT
Atty. Docket Number	49658-0512

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

September/0, 2001

Date



Signature

Carl L. Brandt, Reg. No. 44,555

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231